

Message

From: Strynar, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A9910D5B38E471497BD875FD329A20A-STRYNAR, MARK]
Sent: 5/25/2017 11:03:03 AM
To: Smith, Emily J. [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3170dc8557cb488285de7652ad162cdd-Smith, Emily J.]; Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]; Autrey, Brad [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be99dbd409be4563bc615951f5d03562-Autrey, Brad]
Subject: RE: OCSPP + ORD: StarNews RE: GenX, PFASs in the Cape Fear River watershed

Deliberative Process / Ex. 5

Mark

From: Smith, Emily J.
Sent: Wednesday, May 24, 2017 4:58 PM
To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Autrey, Brad <Autrey.Brad@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>
Subject: RE: OCSPP + ORD: StarNews RE: GenX, PFASs in the Cape Fear River watershed
Importance: High

Andrew and Mark,

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-Emily

Emily J. Smith
Communications Director
EPA National Exposure Research Laboratory
109 T.W. Alexander Drive
MD-305-01
Research Triangle Park, NC, 27711
Phone: 919-541-5556
E-mail: smith.emily@epa.gov

From: Lindstrom, Andrew

Sent: Thursday, May 18, 2017 4:03 PM

To: Autrey, Brad <Autrey.Brad@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>

Cc: Smith, Emily J. <Smith.Emily@epa.gov>; Biales, Adam <Biales.Adam@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>

Subject: RE: OCSPP + ORD: StarNews RE: GenX, PFASs in the Cape Fear River watershed

Brad and Emily,

We've answered Mr. Hagerty's questions below as best we can.

We would be happy to participate in a joint interview that includes other appropriate EPA folks as needed.

I'd like to know how someone in the community served by CFPUA should interpret these results, specifically in terms of the concentrations of GenX. According to the paper, median concentrations were 671 ppb. I'm asking this in the context of EPA's latest advisory level for PFOA/PFOS, which GenX is meant to replace. As I understand it, the advisory level for PFOA/PFOS is 70 ppt. GenX was present at several times that concentration.

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Does this raise any health concerns at all?

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Is this nothing to be concerned about?

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What is the status of EPA's review of the environmental and human safety of GenX?

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What is the EPA's current position regarding the safety of GenX?

Has or will the EPA take any actions regarding the results from this paper?

Is the EPA monitoring the situation and/or conducting its own tests regarding GenX in the Cape Fear River watershed?

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If so, what, specifically is or will it do and when?

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If nothing is has been done or is planned, why not?

What would it take for the EPA to get involved regarding this situation?

The lead author has confirmed that the fluorochemical manufacturer located upstream of the CFPUA is a plant in Fayetteville, N.C., formerly owned by DuPont and now by Chemours. Has the EPA contacted the plant operator regarding these findings?

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If so, what was the nature of that communication?

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From: Autrey, Brad
Sent: Thursday, May 18, 2017 11:29 AM
To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>
Cc: Smith, Emily J. <Smith.Emily@epa.gov>; Biales, Adam <Biales.Adam@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>
Subject: FW: OCSPP + ORD: StarNews RE: GenX, PFASs in the Cape Fear River watershed

Andy and Mark-

Deliberative Process / Ex. 5

-Brad

Brad Autrey
U.S. EPA - National Exposure Research Lab
Communications Team
26 West Martin Luther King Drive - MS 587
Cincinnati, OH 45268
Desk: (513)569-7368

Personal Phone / Ex. 6

From: Sauerhage, Maggie
Sent: Thursday, May 18, 2017 11:12 AM
To: Smith, Emily J. <Smith.Emily@epa.gov>; Autrey, Brad <Autrey.Brad@epa.gov>
Cc: Maguire, Megan <Maguire.Megan@epa.gov>; Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>
Subject: FW: OCSPP + ORD: StarNews RE: GenX, PFASs in the Cape Fear River watershed

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From: Jones, Enesta
Sent: Thursday, May 18, 2017 11:04 AM
To: Strauss, Linda <Strauss.Linda@epa.gov>; Sauerhage, Maggie <Sauerhage.Maggie@epa.gov>; Maguire, Megan <Maguire.Megan@epa.gov>; Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>
Cc: Jones, Enesta <Jones.Enesta@epa.gov>; Daguiard, Robert <Daguiard.Robert@epa.gov>
Subject: OCSPP + ORD: StarNews RE: GenX, PFASs in the Cape Fear River watershed

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1. As I understand it, the advisory level for PFOA/PFOS is 70 ppt. GenX was present at several times that concentration. Does this raise any health concerns at all? Is this nothing to be concerned about?

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2. What is the status of EPA's review of the environmental and human safety of GenX? What is the EPA's current position regarding the safety of GenX?

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3. Has or will the EPA take any actions regarding the results from this paper? Is the EPA monitoring the situation and/or conducting its own tests regarding GenX in the Cape Fear River watershed? If so, what, specifically is or will it do and when? If nothing is has been done or is planned, why not? What would it take for the EPA to get involved regarding this situation?

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4. In addition, EPA plans to begin a separate effort to determine the range of perfluoroalkyl substances (PFAS – the group of chemicals of which PFOA and PFOS are a part) for which an Integrated Risk Information System (IRIS) assessment is needed. The IRIS Program identifies and characterizes the health hazards of chemicals found in the environment. IRIS assessments inform the first two steps of the risk assessment process: hazard identification, and dose-response. As indicated in the 2015 IRIS Multi-Year Agenda, the IRIS Program will be working with other EPA offices to determine the range of PFAS compounds and the scope of assessment required to best meet Agency needs. More about this effort can be found at <https://www.epa.gov/iris/iris-agenda>.

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5. The lead author has confirmed that the fluorochemical manufacturer located upstream of the CFPUA is a plant in Fayetteville, N.C., formerly owned by DuPont and now by Chemours. Has the EPA contacted the plant operator regarding these findings? If so, what was the nature of that communication? If not, why not?

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Enesta Jones
U.S. EPA
Office of Media Relations
Office: 202.564.7873
Cell: Personal Phone / Ex. 6

"The root of all joy is gratefulness."

Begin forwarded message:

From: "Strauss, Linda" <Strauss.Linda@epa.gov>
Date: May 17, 2017 at 8:26:30 PM EDT
To: "Canavan, Sheila" <Canavan.Sheila@epa.gov>
Cc: "Pierce, Alison" <Pierce.Alison@epa.gov>, "Ng, Brian" <Ng.Brian@epa.gov>, "Fuld, John" <Fuld.John@epa.gov>, "Lincoln, Larry" <Lincoln.Larry@epa.gov>, "Sauerhage, Maggie" <Sauerhage.Maggie@epa.gov>, "Hubbard, Carolyn" <Hubbard.Carolyn@epa.gov>, "Jones, Enesta" <Jones.Enesta@epa.gov>, "Daguillard, Robert" <Daguillard.Robert@epa.gov>
Subject: Re: OCSPP + OW: StarNews RE: GenX, PFASs in the Cape Fear River watershed

Thanks!

Sent from my iPhone

On May 17, 2017, at 6:39 PM, Canavan, Sheila <Canavan.Sheila@epa.gov> wrote:

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From: Strauss, Linda
Sent: Wednesday, May 17, 2017 5:32 PM
To: Pierce, Alison <Pierce.Alison@epa.gov>; Ng, Brian <Ng.Brian@epa.gov>; Canavan, Sheila <Canavan.Sheila@epa.gov>; Fuld, John <Fuld.John@epa.gov>
Subject: FW: OCSPP + OW: StarNews RE: GenX, PFASs in the Cape Fear River watershed

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Linda

From: Jones, Enesta
Sent: Wednesday, May 17, 2017 4:28 PM
To: Strauss, Linda <Strauss.Linda@epa.gov>; Fuld, John <Fuld.John@epa.gov>
Cc: Jones, Enesta <Jones.Enesta@epa.gov>; Daguiard, Robert <Daguiard.Robert@epa.gov>
Subject: OCSPP + OW: StarNews RE: GenX, PFASs in the Cape Fear River watershed

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Enesta Jones
U.S. EPA
Office of Media Relations
Office: 202.564.7873
Cell: Personal Phone / Ex. 6

"The root of all joy is gratefulness."

From: Sauerhage, Maggie
Sent: Wednesday, May 17, 2017 4:23 PM
To: Jones, Enesta <Jones.Enesta@epa.gov>
Cc: Maguire, Megan <Maguire.Megan@epa.gov>; Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>
Subject: Re: MAGGIE: GenX, PFASs in the Cape Fear River watershed

Deliberative Process / Ex. 5

From: Jones, Enesta
Sent: Wednesday, May 17, 2017 2:27 PM
To: Sauerhage, Maggie <Sauerhage.Maggie@epa.gov>
Cc: Jones, Enesta <Jones.Enesta@epa.gov>; Maguire, Megan <Maguire.Megan@epa.gov>; Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>
Subject: Fwd: ENESTA: GenX, PFASs in the Cape Fear River watershed

Hi Maggie,

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Deliberative Process / Ex. 5

Enesta Jones
U.S. EPA
Office of Media Relations
Office: 202.564.7873
Cell: Personal Phone / Ex. 6

"The root of all joy is gratefulness."

From: Sauerhage, Maggie
Sent: Wednesday, May 17, 2017 12:08 PM
To: Daguillard, Robert <Daguillard.Robert@epa.gov>
Cc: Maguire, Megan <Maguire.Megan@epa.gov>;
Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>
Subject: Fw: GenX, PFASs in the Cape Fear River watershed

Hi Robert,

Deliberative Process / Ex. 5

On Wed, May 17, 2017 at 11:00 AM, Lindstrom,
Andrew <Lindstrom.Andrew@epa.gov>

From: Vaughn Hagerty
[mailto: Personal Matters / Ex. 6

Sent: Wednesday, May 17, 2017 9:43 AM
To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>;
Strynar, Mark <Strynar.Mark@epa.gov>
Subject: GenX, PFASs in the Cape Fear River watershed

Messrs. Lindstrom and Strynar:

My name is Vaughn Hagerty and I'm a journalist working on a story for the StarNews in Wilmington about PFASs, including GenX, in some drinking water systems in New Hanover and Brunswick counties. Among other sources, I'm referencing the paper "Legacy and Emerging Perfluoroalkyl Substances Are Important Drinking Water Contaminants in the Cape Fear River Watershed of North Carolina."

I've interviewed Professor Sun and am scheduled to speak with Professor Knappe this week. I'd like to discuss the issue with one or both of you, as well, either by phone or via email exchange. Is this something we can arrange?

Regards,

Vaughn Hagerty